

Sires Of Larger Breed Sheep Give Best Lamb Weight Gains

Lambs sired by rams of the 68 pounds per day for lambs larger breeds of sheep make the most rapid and most efficient weight gains, experiments at The Pennsylvania State University indicate. The findings were announced recently during the North Atlantic section meeting of the American Society of Animal Science at the University of Delaware.

Average weight gains for lambs fed grain before weaning, in addition to ewe's milk, were 0.76 pounds per day for lambs sired by the larger breeds and

sired by the smaller breeds. The net profit from grain feeding averaged \$1.00 per lamb.

Hugh Varela-Alvarez, graduate assistant in animal science at Penn State, said the average daily weight gains from weaning to slaughter were 0.60 pounds per day for lambs sired by rams of the larger breeds. Gains averaged 0.56 pounds per day for lambs sired by rams of the smaller breeds.

The experiment further suggests that lambs should be weaned

before 10 weeks of age for maximum growth. In the first 6 weeks of the studies, the ewes produced an average of 402 kilocalories of milk during a typical 4-hour period. The milk yield dropped to 324 kilocalories during the last 6 weeks.

Larger-breed carcasses were leaner than smaller-breed carcasses. Fat thickness over the ribs was significantly greater among carcasses from the smaller-breed lambs.

The experiment was a part of long-range research carried out by the Department of Animal Science at Penn State to determine the effects of various genetic and environmental factors on the amount and composition of milk produced by ewes. Based on previous research, similar results would be observed in comparing calves sired by large versus small-type beef cattle.

Durable Press Finish

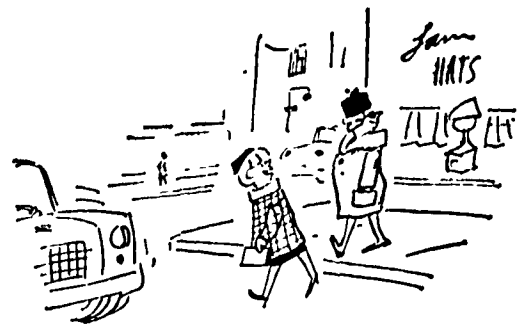
For the best wear with a durable press finish, it takes cotton plus a man-made fiber, says Mrs. Ruth Ann Wilson, Penn State extension clothing specialist. Used on cotton alone, this finish has a tendency to weaken the fiber. However, the strength of the finished fabric is maintained when a polyester fiber is added to the cotton. One thing that finishes and man-made fibers take away from cottons is coolness.

Handle Tomatoes Tenderly

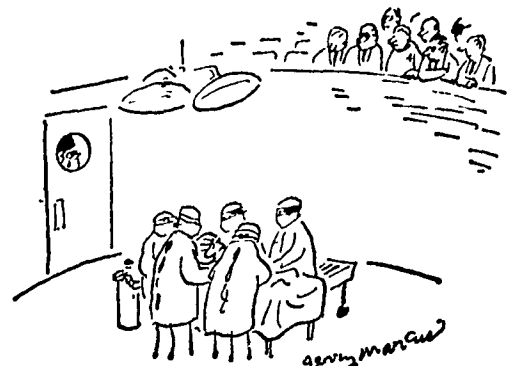
A ripe tomato should be at least 90 percent red color, reminds James O. Dutt, extension vegetable crops specialist at The Pennsylvania State University. While picking, try not to injure vines or unripened fruit. Handle tomatoes tenderly to keep from bruising them.

Alcoholocaust

Jerry Marcus



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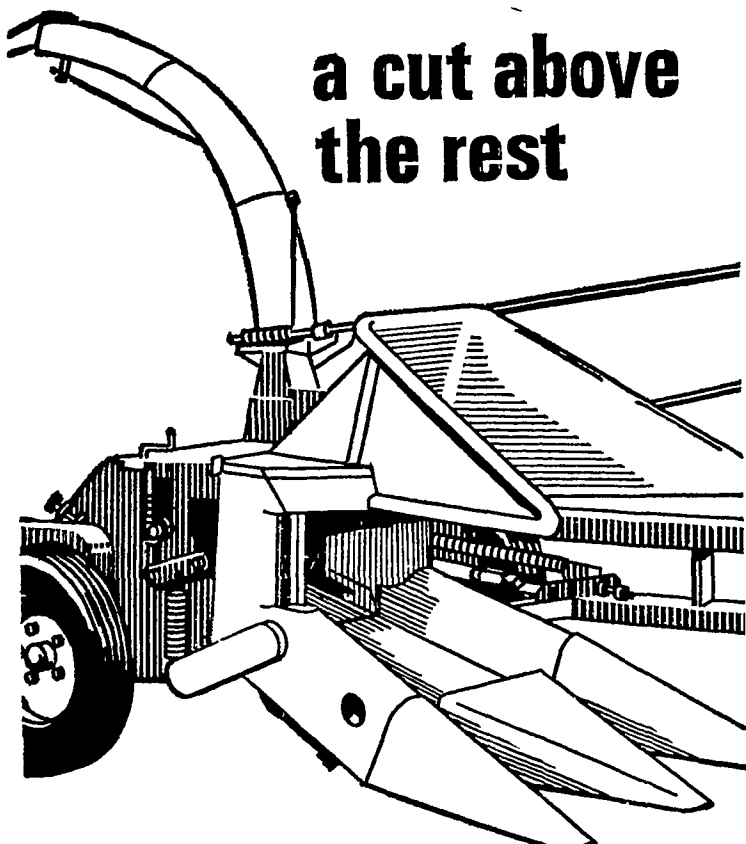
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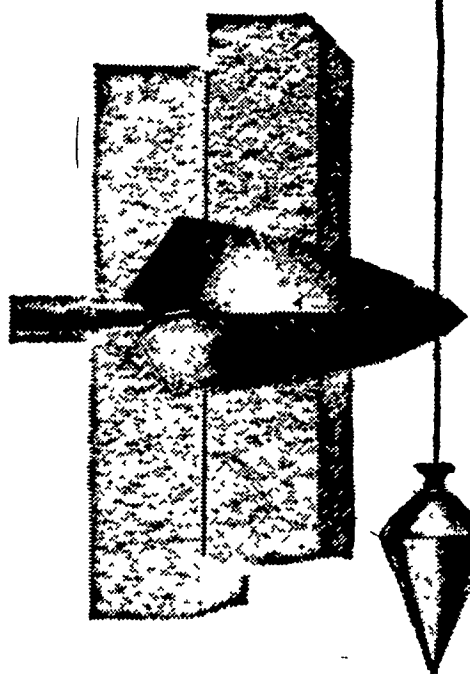
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Poultry Research

USDA scientists report they've isolated a turkey virus which they say could lead to control of Marek's disease in chickens. In preliminary experiments, spokesmen say, "chicken exposed to the new turkey virus ex-

hibited a typical immune reaction by producing antibodies similar to those induced by Marek's disease virus. Further research will be needed to show if the turkey virus can be safely and effectively used to produce a vaccine which immunizes chickens against Marek's disease.

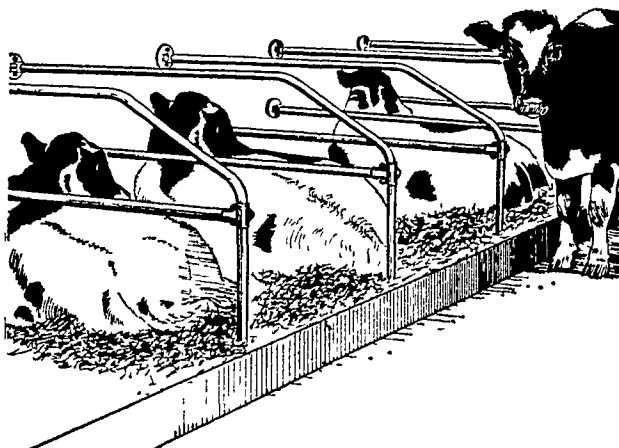


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